

Time Conversion

Given a time in AM/PM format, convert it to military (**24**-hour) time.

Note: Midnight is **12:00:00AM** on a **12**-hour clock, and **00:00:00** on a **24**-hour clock. Noon is **12:00:00PM** on a **12**-hour clock, and **12:00:00** on a **24**-hour clock.

Input Format

A single string containing a time in **12**-hour clock format (i.e.: **hh:mm:ssAM** or **hh:mm:ssPM**), where $01 \leq hh \leq 12$.

Output Format

Convert and print the given time in **24**-hour format, where $00 \leq hh \leq 23$.

Sample Input

07:05:45PM

Sample Output

19:05:45